"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Aurelian, conf.ing.; GRUMAZESCU, Mircea, ing.; MATEI, Liviu

Noise reduction by means of carcasses. Metalurgia constr mas 14 no.1:78-84 Ja '62.

1. Comisia de Acustica a Academiei R.P.R.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Aurelian, conf. univ. (Bucuresti)

"Bases of modern acoustics" by academician E. Badarau and M. Grumazescu. Reviewed by Aurelian Stan. Gaz mat fiz 14 no. 3:164-166. Mr '62

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Aurelian, ing., conf. univ.

"The [illegible]pic theory and its technical use" by **Alexandru Stoenescu, Gabriela Titeica.** Reviewed by Aurelian Stan. Gaz mat fiz 14 no.4:218 Ap '62.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Aurelian, conf. ing.

"The basis of modern acoustics" by [Acad.] E.Badarau and M. Grumazescu. Reviewed by Aurelian Stan. Metalurgia constr mas 14 no.4:376-377 Ap '62.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Aurelian

"Apparatus with ultrasonics" by D.A. Ghersgal, V.M. Fridman. Reviewed by Aurelian Stan. Metalurgia constr mas 14 no.8:764-765 Ag '62.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, A., ing.; VOINEA, R., ing.; VASILESCU, P., ing.

Some problems on the reduction of noise in spinning mills.
Ind text Rum 14 no.9:405-409 S '63.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Aurelian

The part of acoustics in the new technique. Metalurgia constr mas 15 no.1:92 Ja '63.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Aurelian, conf.univ. (Bucuresti)

Some problems on the method of acoustic, mechanic, and electric analogies. Gaz mat fiz 15 no.3:133-143 Mr '63.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Aurelian

Problems regarding present possibilities of vibration damping.
Contr mas 16 no.4:194-199 Ap '64

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Aurelian; GRUMAZESCU, Mircea; MATEI, Liviu; HARASTASANU, Emil

Measures for controlling the noise of Rumanian inland ships.
Constr mas 16 no.8:420-423 Ag '64.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Aurelian

Some useful nomograms referring to the protection of machines against vibrations. Bul Inst Politeh 26 no.2:57-64 Mr-Ap '64.

1. Chair of Theoretical Mechanics, Polytechnic Institute, Bucharest.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

L 49210-65

ACCESSION NR: AP5015372 RU/0018/64/000/008/0420/0423

4
B

AUTHOR: Stan, Aurelian; Grumazescu, Mircea; Matei, Liviu; Harastasamu, Emil

TITLE: Methods for the control of noise in Rumanian inland ships

SOURCE: Constructia de masini, no. 8, 1964, 420-423

TOPIC TAGS: acoustic noise, inland vessel data, mechanical engineering

Abstract [Authors' English summary modified]: A description of the methods used by Rumanian designers to reduce the noise levels of the engines in inland ships, and a summary of the measured noise values and reductions obtained by the various methods. Orig. art. has 1 figure, 4 graphs, and 3 tables.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: GP, IE

NO REF SOV: 000 OTHER: 004 JPRS

Card 1/1

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

L 36013-66

ACC NR: AP6027332 SOURCE CODE: RU/0018/66/000/001/0013/0017

20

6

AUTHOR: Stan, Aurelian

ORG: none

TITLE: Useful nomograms for the study of a mechanical coupling problem

SOURCE: Constructia de masini, no. 1, 1966, 13-17

TOPIC TAGS: graphic technique, mechanical engineering

ABSTRACT: The author shows how to determine the natural frequencies of a mechanical coupling by graphical means, and presents five nomographs to be used for the purpose. Two examples are worked out as illustration. Orig. art. has: 6 figures and 6 formulas. [JPRS: 36,559]

SUB CODE: 13, 12 / SUBM DATE: none / ORIG REF: 004

Card 1/1 UDC: 621.825:518.3

0917 0457

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

COSMA, Constanta; PASOI-BARCO, Aurelia; STAN, C.; STEFANESCU, Ioana.

The textile and ready-made clothing industry in Bucharest.
Ind text Rum 15 no.7:371-375 Jl'64

1. Institute of Geology and Geography, Rumanian Academy.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

FERNEA, V., ing.; STAN, C., ing.

A modern factory for trebly laminated particle board. Ind lemnului 14 no.2,42-46 F '63.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

OTAN, C., ing.

Valorization of small-sized wood wastes by manufacturing fodder yeast. Inv leshchnoi 12 no.[illegible]:335-[illegible] '63.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STEMER, D., prof. (Galati); STAN, D., prof. (Breaza); IONESCU-TIU, C.; ALBESCU, I., prof. (Fagaras); BUCUR, Ioan, prof. (Sibiu)

Exercises and problems proposed for grades 5-8. Gaz mat B 15 no.8:369-371 Ag '64.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

IONASCU, Iulian; STAN, Eduard

Suggestions. Constr Buc 14 no.676:3 22 D'62

1. Din serviciul de aprtovizionare al Intreprinderii de constructii nr.3, Trustul Regional de Constructii de Locuinte, Brasov (for Ionascu). 2. Secretarul comitetului de partid de la Intreprinderea de constructii-montaj nr.4 a Directiei Generale Constructii-Montaj, Bucuresti (for Stan).

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, I

"Achievements of the Rumanian Institute of Agronomical Research." p. 4
"Output of metal products of wide consumption." p. 8
(Agerpres Information Bulletin, Vol. 5, No. 6, Mar. 1954, Bucharest)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June, 1954, Uncl.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

ETAN, I.

Cheaper heat and increased production.

P. 2 (CONSTRUCTORUL) (Bucuresti, Rumania) Vol. 9, No. 389, June 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5, 1958

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, I.

"Doubled production of lime in the furnaces of Sinaia."

p. 586 (Industria Constructiilor Si A Materialelor De Constructii)
No. 10, 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

DANILOV, Boris, ing.; CRISTESCU, Margareta, ing.; DINA, Constantin, tehn.; MITACU, Athena, tehn.; STAN, Ion, tehn.

Behavior of oil fractions resulting from a naphthenic oil in presence of some selective solvents. Petrol si gaze 14 no.7:347-354 Jl '63.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

RUMANIA

Ing I. STAN, Section for the Agrarian Fund and Territorial Organization of The High Council for Agriculture (Sectia fundului funciar si a organizarii teritoriului din Consiliul Superior al Agriculturii.)

"Economic Efficiency and Remuneration of Workers Participating in Animal Breeding and Production."

Bucharest, REvista de Zootehnie si Medicina Veterinara, Vol 13, No 5, May 63; pp 29-35.

Abstract: Data of the period 1957-1961 are given of bovine, ovine and porcine production in various regions and collective farms stressing results in those that were best, e.g. the "Vasile Roalta" farm in the Dobrodgea region, and an example is made of this and a few other farms wherein good productivity benefits incidentally also the workers in the involved collectives. Three tables.

1/1

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Ion, ing.

Casting by pressure. St si Teh Buc 15 no.5:31-32 My '63

1. Technological Institute for Machine Construction and Electrotechnical Engineering.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, I.

Variation of the nuclear ray of the atoms which are emitting particles.
p. 193.

STUDII SI CERCETARI STINTIFICE. FIZICA SI STINTE TEHNICE.
Iasi, Rumania. Vol. 8, no. 2, 1957.

Monthly list of European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

RUMANIA/Nuclear Physics - Structure and Properties of Nuclei. C

Abs Jour : Ref Zhur Fizika, No 12, 1959, 26845

Author : Stan, Ioan; Inta, Ioan

Inst :

Title : Investigation of Decay on the Basis of the Model of the Extended Nucleus

Orig Pub : Studii si cercetari stiint. Akad. RPR, Fil. Iasi. Fiz. si stiinte tehn., 1958, 9, No 1, 137-141

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

S/058/62/000/010/029/093
A061/A101

AUTHOR: Stan, Ioan

TITLE: Notes on the isotopic shift

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1962, 32, abstract 10B250 ("Studii şi cercetări ştiinţ. Acad. RPR Fil. Iaşi. Fiz. şi ştiinţe tehn.", 1961, v. 12, no. 1, 129 - 134, Rumanian)

TEXT: Within the extended nucleus model, the shift of the 1 s energy level was calculated by the volume effect. It is shown that the assumption of a surface charge distribution leads to different shifts for different isotopes of the same element; the results for this model coincide with those obtained on the assumption of a uniform volume distribution of the charge, for Z = 30 ÷ 40.

[Abstracter's note: Complete translation]

Card 1/1

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Ioan

Isotopic displacement. Studii fiz tehn Iasi 12 no.1:135-140 '61.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

WEISZMANN, A.N.; STAN, I.

The alpha-radioactive disintegration in the semiclassic approximation. Studii fiz tehn Iasi 12 no.2:339-346 '61.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, I., ing.

"Ways of development of production forces in the U.S.S.R. agriculture" by [dr.] E.Karnauhova. Reviewed by I.Stan. Rev geodezie 6 no.4:72-74 '62.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, I.; TOTH, S.; PENCIUC, T.; BATAGA, E.

Influence of the variation of the form of the earth on its motion. Studia Univ B-B S. Math-Phys 9 no.1:105-109 '64.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, I.; TOTH, S.; PENCIUC, T.; BATAGA, E.

Influence of the variation of the form of the earth on its one motion. Pt.2. Studia Univ B-B S. Math-Phys 9 no.2:77-81 '64.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Ioan; WEISSMANN, Andrei

Collective and deformation effects in semiconductors. Studia Univ B-B S. Math-Phys 9 no.2:101-109 '64.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

WEISSMANN, A.; STAN, I.

The effective potential of interactions in crystals. Chekhosl fiz zhurnal 14 no.12:910-914 '64.

1. Chair of Theoretical Physics of the Babes-Bolyai University, Cluj, Romania. Submitted March 17, 1964.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

ST-N, [illegible]

Fine structure of the effective mass spectrum. Studia Univ B-B S. Math-Phys 10 no.1:[illegible] '65.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, I.; TOTH, A.

Studies on the term of mass relation. Fiz szemle 15 no.2:42-48 F '65.

1. Chair of Mechanics and Astronomy of Babes-Bolyai University, Cluj, Rumania (for Stan). 2. Chair of Mechanics of the Pedagogic Institute, Tirgy Mures, Rumania (for Toth).

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

L 31734-66 T DJ

ACC NR: AP6021175 SOURCE CODE: RU/0007/65/016/03-/0234/0246

AUTHOR: Krilovici, N. (Engineer); Danilov, B. (Engineer); Cristescu, M. (Engineer); Groze, A. (Engineer); Dima, C.; Mitacu, A.; Stan, I.

ORG: none

TITLE: Possibilities of manufacturing multigrade oils in the Rumanian People's Republic

SOURCE: Petrol si gaze, v. 16, no. 3-4, 1965, 234-246

TOPIC TAGS: petroleum product, petroleum refining, fuel and lubricant additive

ABSTRACT: The authors discuss laboratory tests performed with a view to the manufacture in Rumania of the multigrade oils SAE 10w-30 HD and SAE 20w-40 HD from Rumanian raw materials plus imported additives. The multigrade oils produced in the laboratory were found to have characteristics similar to those of imported oils of the same type, leading to the conclusion that their manufacture in Rumania is possible and advantageous. Orig. art. has: 11 figures and 11 tables. [Based on authors' Eng. abstract] [JPRS]

SUB CODE: 11, 13 / SUBM DATE: none / OTH REF: 004 / SOV REF: 001

Card 1/1 ~~15~~

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

L 33037-66 T DJ

ACC NR: AP6024218 SOURCE CODE: RU/0007/65/016/009/0492/0498

AUTHOR: Danilov, B. (Engineer); Cristescu, M.--Kristesku, M. (Engineer); Dima, C.--Dima, K.; Mitacu, A.--Mitaku, A.; Stan, I.

ORG: none

23
B

TITLE: New manufacturing possibilities for white oils in the Socialist Republic of Rumania

SOURCE: Petrol si gaze, v. 16, no. 9, 1965, 492-498

TOPIC TAGS: petroleum product, crude petroleum

ABSTRACT: The authors describe laboratory and pilot tests for the production of medicinal and cosmetic white oils from paraffin-free naphthenic crude oils by means of the reformation with fuming sulphuric acid and bleached earth of the oil fraction. The white oils obtained meet high qualitative standards and are expected to result in considerable cost reductions. Orig. art. has: 4 tables. [Based on authors' Eng. abstract] [JPRS]

SUB CODE: 11 / SUBM DATE: none

Card 1/1

UDC: 665.521.5

0915 1869

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, L.; MAGINEANU, I.

Mechanical characteristics of thermally treated tooth tips of frame saw blades. p. 92.

INDUSTRIA LEMNULUI. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Industriei Lemnului. Bucuresti, Rumania. Vol. 8, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, L.; OPREA, St.; ABRAMIUC, I.; MORCOV, I.; TUDOR, I., prof. (Bacau)

On the geography manual for the 9th class. Natura Geografie 15 no.2: 53-58 Mr-Ap '63.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

MOLDOVAN, V.; DRAGAN, I.; STAN, L.; DONEA, V.

Some problems concerning the forging of rapid steel semimanufactured goods. Bul stiint polit Cluj no.5:261-271 '62.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

DRAGAN, I.; STAN, L.; DONEA, V.; ISCRULESCU, V.

Some problems regarding the heating of RW 180 rapid steel semifinished products in view of the forging and drop forging. Bul stiint polit Cluj no.7:263-271 '64.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Maria

Coaxial diagrams in the level prognosis (flows) by corresponding values. Studii hidrol 3:127-142 '62.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

EXCERPTA MEDICA Sec.3 Vol.12/5 Endocrinology May 1958

STAN, M.

904. CHANGES IN THE EXCRETION OF $I^{131}$ FOLLOWING TREATMENT WITH NEUROHYPOPHYSEAL EXTRACT - Modificarea eliminării iodului radioactive ($I^{131}$) după administrarea de extracte totale retrohipofizare - Parhon C.I., Stan M., Petrescu Şt. and Bojinescu A. STUD. CERC. ENDOCR. 1956, 7/1 (43-51) Tables 4

Following treatment with the extract the urinary excretion of inorganic $I^{131}$ in rats may increase 2-fold. The amount of the increase is related to the amount of extract injected and the moment of injection. A direct renal mechanism is assumed, involving primarily an action of vasopressin. Moreover an indirect action of the extract on thyroid $I^{131}$ uptake may be involved. Implications for treatment with $I^{131}$ in humans are discussed.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R00165282

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

MILCU, M., Acad., St.; STAN, Maria, dr.; STAN, M., dr.

Contributions to the clinical and therapeutic study of chronic tonsillitis accompanying hyperthyroid syndromes. Med. int., Bucur. 8 no.4:509-518 Aug 56.

(TONSILLITIS, complications
hyperthyroidism, clin. & ther. aspects)
(HYPERTHYROIDISM, complications
tonsillitis, clin. & ther. aspects)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

IDU,S.M.; STAN,Maria; MUNTEANU,Maria; POPESCU,P.; GHERASIM,L.; THEODORESCU,B.

The Kunkel test (KL 12) in hyperlipemia. Probl. card.,Bucur. 4; 81-87 '59.
(LIPIDS, blood)
(CHOLESTEROL, blood)
(PHENOLS)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

THEODORESCU,B.,Prof.; POPESCU,P.,dr.; IDU,S.M.,dr.; STAN,M.,chimist; NEGRUS, X.,dr.; GHERASIM,L.,dr.

Contributions to the humoral study of coronary atherosclerosis. Med. intern.,Bucur 11 no.5:673-682 '60.

1. Lucrare efectuata in Clinica medicala a Spitalului "Coltea", Bucuresti.

(CORONARY DISEASE metabolism.)
(LIPIDS,blood)
(CHOLESTEROL, blood)
(KIDNEY FUNCTION TESTS)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

THEODORESCU, B., prof.; POPESCU, P., dr.; IDU, S.M., dr.; GHERASIM, L., dr.
COCIUMIAN, L.; NEGRUS, X., dr.; STAN, M.

Humoral investigations in coronary atherosclerosis. Med. intern., Bucur 12 no.7:1013-1020 Jl '60.
(CORONARY DISEASE, blood) (WATER-ELECTROLYTE BALANCE)
(LIPIDS, blood) (CHOLESTEROL, metabolism)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, M.; FIRU, P.; SAHLEANU, V.; DAN, O.

Non-inflammatory parotid hypertrophy with growth disorders. Stud. cercet. endocr. 13 no.1:111-118 '62.

(PAROTID GLAND diseases)
(HYPERTROPHY AND HYPERPLASIA case reports)
(HYPOGONADISM case reports)
(INFANTILISM case reports)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

BERCEANU, Aspasia; BALACEANU, Mariana; SIMIDNESCU, Ligia; STAN, M.

On 2 unusual cases of auto-agressive chronic thyroiditis. Stud. cercet. endocr. 14 no.1:105-109 '63.
(THYROIDITIS, LYMPHOMATOUS) (THYROIDITIS)
(AUTOIMMUNE DISEASES) (HYPOTHYROIDISM) (HYPERTHYROIDISM)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

LUPU, N. Gh., academician; BALACEANU, Mariana; CIOBANU, V.; STAN, M.

Investigations of the joint changes appearing in chronic thyroiditis. Stud. cercet. endocr. 14 no.4/5/6:585-592 '63.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, M.

Research in the field of the functional forms of diabetes insipidus. Stud. cercet. endocr. 14 no.4/5/6:685-689 '63.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

LUPU, N.Gh. acad; BALACEANU, Mariana; NICULESCU-ZINCA, D.; CIOBANU, V.; STAN, M.

Clinical and laboratory study of thyroid function in chronic evolutive polyarthritis and of the relations between Hashimoto's disease and chronic evolutive polyarthritis. Stud. cercet. med. intern. 5 no.1:19-29 '64

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

L 64925-65 FBD/EWT(1)/EPA(s)-2/EPF(n)-2/T/ETC(m) WW

ACCESSION NR: AP5023666 RU/0018/64/000/012/0667/0671

35
B

AUTHOR: Oprean, Aurel; Stan, Nicolae; Minciu, Constantin

TITLE: Some considerations regarding the theoretical calculation of toothed gear pumps

SOURCE: Constructia de masini, 16 no. 12, 1964, 667-671

TOPIC TAGS: transmission gear, 17 mechanical engineering, pump, hydraulic engineering, hydraulic pump

ABSTRACT: An analysis of the pulsation of flow in toothed gear pumps with straight, slanted, corrected and noncorrected teeth. Both mathematical relationships and experimental results are discussed. Orig. Art. Incl.: 5 figures, 27 formulas, 1 graph and 1 table.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: IE

NR REF SOV: 003 OTHER: 002 JPRS

1/1 Card

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, S.; STENESKU, N. [STENESCU, N.]

Application of a biological test in studying the effect of gibberellins on the corn coleoptile. Fizio. rast 9 no.5:575-581 '62. (MIRA 15:10)

1. Laboratory of Plant Physiology, Scientific-Research Agronomy Institut, Roumania Peoples Republic.
(Gibberellin) (Corn (Maize))

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Stelian; STANESCU, Nelly

Action of gibberellin upon the coleoptile of maize. Studii cerc biol veget 14 no. 1:53-65 '62.

1. Comunicare prezentata de academician Em. Pop.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, Sn. T., (Grad Stud)

Dissertation: "A Study of Optimum Parameters of Core Shot-Drilling of Wells in Solid Rock." Cand Tech Sci, Moscow Geological Prospecting Inst imeni Sergo Ordzhonikidze, 10 Jun 54. (Vechernyaya Moskva, Moscow, 1 Jun 54)

SO: SUM 318, 23 Dec 1954

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, T.

~~SURNAME (in caps)~~; Given Names

Country: Rumania

Academic Degrees: Pharmacist

Affiliation: --

Source: Bucharest, Farmacia, No 6, 1961, pp 321-331.

Data: "On the Nature of Accidents Caused by Radio-Elements."

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN, T.

33

255

Bucharest, Farmacia, Vol X, No 5, May 62

1. "Complexometric Determination of Veronal," Prof Gh. CIOCALTI, Pharm Gh. MOSAIT, Pharm C. BAIDESCU, Pharm N. TEODORESCU, Pharm Silvia [illegible], Pharm M. TUICA, Pharm Lauretia [illegible] and Pharm Georgeta IONESCU. Work performed at the Analytical Chemistry Laboratory (Laboratorul de Chimie Analitica) of the School of Pharmacy (al Facultatii de Farmacie), Bucharest; English Summary; pp 257-261.

2. "Comparative Study of the Methods of Nicotine Determination as Applied in Toxicology," Prof N. IOANID, Pharm Dr Gh SORI, Pharm Dr I. POPA, Pharm L. ANGHESCU and Pharm V. STAN. Work performed at the Laboratory of Toxicology (Laboratorul de Toxicologie) of the School of Pharmacy (al Facultatii de Farmacie), Bucharest; pp 263-266.

3. "Study of Sunflower Oil Used in Injectable Oily Solutions (Note I)," Prof W. CIOCANELEA, Pharm Elena POSIL, Pharm A. RUB-SAIDAC, Pharm I. BUGHARIU, Pharm A. POPOVICI and Pharm V. FILIPAS. Work performed at the Laboratory for Galenic Pharmacy (Laboratorul de Farmacie Galenica) of the School of Pharmacy (al Facultatii de Farmacie), Cluj; pp 267-275.

4. "The Identification, Determination and Extraction of Allantoin from Echium vulgare L. Plants," Conf S. CONSTANTINESCU, Pharm I. CIULEI and Pharm Maria STANESCU. Work performed at the Pharmacognosy Laboratory (Laboratorul de Farmacognozie) of the School of Pharmacy (al Facultatii de Farmacie), Bucharest; English Summary; pp 277-282.

5. "Determination in Non-Aqueous Medium of the Aminopyrine and Veronal Content in 'Veroginin'," Pharm E. VASILIU, Pharm Vera SCINTEIE and Pharm J. BAUCHER. Work performed at the Institute for the State Control of Drugs and Pharmaceutic Preparations (Institutul pentru Controlul de Stat al Medicamentului si Cercetari Farmaceutice); English Summary; pp 283-287.

6. "Contribution to the Use of Tweens in the Drug Dispensing Pharmacy in the Clinics of Cluj," Pharm V. GHEORGHIASI, Pharm A. POPESCU and Pharm A. STANESCU; English Summary; pp 289-295.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

ROMANIA (1)

CONSTANTINESCU, A., MD; STAN, T., Pharmacist.

Toxicology Laboratory, School of Pharmacy, Bucharest (Laboratorul de toxicologie, Facultatea de farmacie, Bucuresti) - (for all)

Bucharest, Farmacia, No 6, Jun 63, pp 379-381

"Contributions to the Determination by Electrophoresis of the Dosage of Strychnine, Brucine, and Quinine, in Tincture Mixtures."

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

RUMANIA

PREDA, N., Pharmacist; STAN, T., Pharmacist.

Department of Toxicology, Institute of Medicine and Pharmacy, Cluj (Catedra de toxicologie, I.M.F., Cluj) - (for all)

Bucharest, Farmacia, No 12, Dec 63, pp 719-730

"Considerations from the Toxicologic Point of View Regarding Certain New Endotherapeutic Insecticides."

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

PREDA, N., farm.; STAN, T., farm.

Toxicological considerations on some new endotherapeutic insecticides. Farm Rum 11 no.12:719-730 D '63.

1. Catedra de toxicologie, Institutul medico-farmaceutic, Cluj.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STAN V.

RUMANIA/Magnetism - Ferromagnetism F-4

Abs Jour : Ref Zhur - Fizika, No 5, 1958, No 10805

Author : Maxim, I., Auslander, D., Stan V.
Inst : Not Given
Title : Variation of the Curie Points of Ni-Cu-Sn Alloys

Orig Pub : Studii si cercetari fiz. Acad. RPR, 1957, 8, No 2, 143-145

Abstract : An investigation was made of the variation of the Curie points as a function of the concentration of non-magnetic metals at two fixed ratios of the concentrations of copper and tin, namely Cu:Sn=4 and Cu:Sn=1/2. It was found that the variation is linear and that the slope of the lines depends on the average valence of the non-magnetic metals namely n=1.6 and respectively n=3.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STANA, M. (Cluj)

Considerations on production organization under the conditions of the new techniques. Probleme econ 15 no.9:34-46 S '62.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

L 31866-66 RO

ACC NR: AP6021274 SOURCE CODE: RU/0003/65/016/001/0010/0015

AUTHOR: Benari, S.; Man, Marinela; Popa, Gh. V.; Stana, V.

ORG: none

TITLE: Liquid nitrogenous fertilizers - the carboammoniacates. II. Semi-industrial experiments

SOURCE: Revista de chimie, v. 16, no. 1, 1965, 10-15

TOPIC TAGS: fertilizer, ammonium compound, urea, ammonia, carbon dioxide

ABSTRACT: In this second article of a series, the authors give some data on the preparation of carboammoniacate liquid fertilizers in a semi-industrial plant with a production capacity of 3 tons daily. The plant utilizes the process of simultaneous absorption of ammonia and carbon dioxide accompanied by chemical reactions in the eutectic ammonium nitrate-urea mixture. The absorption apparatus used ensures absorption efficiency of over 96 percent, and the characteristics of the product are superior to those of liquid fertilizers of the aqueous ammonia or ammoniacate type. Orig. art. has: 1 figure, 6 formulas and 9 tables. [Based on authors' Eng. abstract] [JPRS]

SUB CODE: 02, 07 / SUBM DATE: none / ORIG REF: 008 / SOV REF: 018

Card 1/1 UDC: 631.841.001.6:66.071.7.002.5

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STANACEV, N.

9

Studies in the sphingolipides series. I. Synthesis of racemic 2-amino-1,3-dihydroxyoctadecane. M. Prostenik and N. Stanacev. (Univ., Zagreb, Yugoslavia). J. Org. Chem. 24, 30-3(1959).—$C_{15}H_{31}CO_2H$ (115 g.) treated with 170 g. Br and 5.24 g. red P gives 131 g. $C_{15}H_{31}CHBrCO_2H$ (I), m. 52.5°. Adding dropwise $C_{15}H_{31}CHBrCOCl$ from 22 g. I in 40 cc. ether to $CH_2N_2$ from 19.1 g. $H_2NCONMeNO$ at 0°, keeping the mixt. 2 hrs. at 20°, and evapg. to dryness give $C_{15}H_{31}CHBrCOCHN_2$, which, treated in 30 cc. AcOH with 10 cc. 66% HBr, gives 75.6% *$C_{15}H_{31}CHBrCOCH_2Br$* (II), prisms, m. 52-2.5°. Refluxing 3.34 g. II with 5.01 g. AgOAc in 20 cc. AcOH 3 hrs., neutralizing the filtered soln. with $NaHCO_3$, and extg. with ether give 3.32 g. brown oil from which, on chromatographic purification, 1.4 g. *1,3-diacetoxy-2-octadecanone*, needles, m. 56.5°, is obtained. *1,3-di-BzO analog* (III), prepd. with AgOBz in 38.8% yield, m. 72-3°. Hydrogenating 11 g. III in 400 cc. MeOH satd. with $NH_3$ 12 hrs. at 60° and 1500 lbs. in the presence of Raney Ni gives 83% *2-amino-1,3-dihydroxyoctadecane*, yellow resin [*oxalate*, m. 196° (decompn.); *tri-Ac deriv.*, prepd. with $Ac_2O$-$C_5H_5N$, needles, m. 98-9°; *tri-Bz deriv.* (IV), needles, m. 146-7°; *N-Bz deriv.*, prepd. by heating 350 mg. IV with 20 cc. *N* KOH-MeOH 45 min. at 40°, m. 114°]. Refluxing 200 mg. III, 50 mg. $HONH_2$, and 100 mg. NaOAc in 20 cc. MeOH 12 hrs., evapg. the mixt. *in vacuo* to dryness, taking up the residue in $H_2O$, extg. the soln. with ether, and refluxing the oxime formed 2 hrs. with 200 mg. $LiAlH_4$ in 40 cc. ether give 35 mg. *$C_{15}H_{31}CH(OH)CH(NH_2)CH_2OH$* [*oxalate* m. 196° (decompn.)]. Hydrogenating 34.2 g. $C_{15}H_{31}CH(OAc)COCH_2OAc$ in 600 cc. MeOH satd. with $NH_3$ 6 hrs. at 60° and 1500 lbs. with Raney Ni gives 21.5 g. *$C_{15}H_{31}CH(OH)CH(NH_2)CH_2OH$* [*oxalate*, m. 198° (decompn.); *tri-Ac deriv.*, m. 92-3°; *N-Ac deriv.*, needles, m. 125-6°]. F. E. Brauns

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STANACEV, N. Z.

USSR

Preparation of amines by reductive alkylation of benzylamine. M. Prostenik and N. Z. Stanačev. *Farm. Glasnik* 10, 107-11(1951)(English summary). A 2-step laboratory-scale prepn. of primary amines is described: 1. reductive alkylation of benzylamine and 2. hydrogenolysis of *N*-substituted benzylamines obtained in reaction 1 to the corresponding primary amines. Using this method cyclohexanone, acetophenone, and furfural were converted to cyclohexylamine, *dl*-α-phenylethylamine and tetrahydrofurfurylamine in good yields. 17 references. V. Mihajlov

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

STANACEV, N.Z.

YUGOSLAVIA/Organic Chemistry. Natural Substances and Their Synthetic Analogues. E-3

Abs Jour: Ref Zhur - Khimiya, No. 8, 1957, 27011.

Author : Proštenik, M., Stanaćev, N.Ž.
Inst :
Title : Studies in The Sphingolipids Series. V. Synthesis of Racemic Dihydrosphingosine Derivatives Starting with DL-serine.

Orig Pub: Arhiv kemiju, 1955, 27, No. 4, 197 - 201.

Abstract: It is shown that derivatives of DL-serine can serve as initial compounds for the synthesis of fragments of the $C_{18}$ chain of sphingosine. The following derivatives of sphingosine were synthetized: 1-ethoxy-2-(N-isoindolinyl)-3-oxyoctadecane (I) and 1-ethoxy-2-phthaloylamino-3-oxyoctadecane (II). The initial α-phthaloylamino-β-ethoxypropionic acid (III) was prepared

Card 1/3

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

Synthesis of 1-aminoheneicosane. N. Z. Stanačev and M. Proštenik (Univ. Zagreb, Yugoslavia). *Arhiv kem.* 27, 203-5(1955)(in English).—A mixt. of 9 g. $H_2N(CH_2)_5CO_2H$ and 18.18 g. o-$C_6H_4(CO)_2O$ heated 2 hrs. at 135-40° and crystd. from 800 ml. $H_2O$ gave 14 g. o-$C_6H_4(CO)_2N(CH_2)_5CO_2H$ (I), m. 107°. A mixt. of 2.52 g. I and 10 ml. $SOCl_2$ refluxed 1 hr., evapd. and distd. gave 1.77 g. o-$C_6H_4(CO)_2N(CH_2)_5COCl$ (II), $b_{3.4}$ 175-8°. A soln. of 10.83 g. $C_{11}H_{23}CH(CO_2CH_2Ph)_2$ in 50 ml. $C_6H_6$ was added with stirring to 0.517 g. Na in 50 ml. $C_6H_6$, the mixt. refluxed 0.5 hr., 6.3 g. II added, the mixt. stirred 5 hrs., added to 300 ml. $H_2O$ contg. 3 drops of $H_2SO_4$, the $C_6H_6$ layer sepd., the aq. layer extd. 3 times with $C_6H_6$, and the combined $C_6H_6$ exts. washed with $H_2O$, dried, and evapd. to leave 15 g. yellow oil; this was dissolved in 60 ml. EtOH and hydrogenated 20 hrs. at room pressure and temp. with 2 g. 10% Pd-$BaSO_4$ catalyst, 250 ml. EtOH added, boiled for 5 min., filtered and the filtrate evapd. to yield 2.03 g. o-$C_6H_4(CO)_2N(CH_2)_5CO-C_{13}H_{27}$ (III), m. 83-4° (from EtOH); oxime, m. 59-60° (from EtOH). A mixt. of 10 ml. $(CH_2OH)_2$, 0.5 g. III, 1 ml. $N_2H_4.H_2O$, and 1 g. KOH was heated 1.5 hr. at 140° and 2.5 hrs. at 230-40°, cooled, poured in $H_2O$, extd. with $Et_2O$, the exts. dried and evapd. and the residue crystd. from 2 ml. EtOH to yield 0.222 g. $C_{21}H_{43}NH_2$, m. 93-4°; acid oxalate, m. 170-2° (from EtOH). $BzNH(CH_2)_5COCl$ (from 20 g. acid) was condensed with ditetrahydropyranyl sodiotetradecylmalonate [from 13.87 g. dihydropyran, 16.52 g. $C_{11}H_{23}CH(CO_2H)_2$ and 1.27 g. Na power] to give 23 g. yellow oil, which was chromatographed in $C_6H_6$ soln. on $Al_2O_3$ to yield 0.58 g. $BzNH(CH_2)_5COC_{13}H_{27}$, m. 91-5° (from EtOH). E. Ciusa

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STANACEV, N. Z.

5

The reaction of diphthaloylglycine chloride with dibenzyl sodiomethylmalonate. Preparation of DL-4,8-diamino-3-octanone. N. Ž. Stanačev and M. Proštenik (Univ. Zagreb, Yugoslavia). *Croat. Chem. Acta* 28, 291–4(1956)(in English).—A soln. of 70.5 g. $CH_2(CO_2Et)_2$ in 150 ml. $C_6H_6$ was added dropwise with stirring to NaOEt prepd. from 40 ml. abs. EtOH and 10.12 g. powd. Na in 150 ml. $C_6H_6$, 95 g. $PhCH_2OH$ in 100 ml. $C_6H_6$ added, EtOH distd. azeotropically with $C_6H_6$, 62.5 g. MeI added, the mixt. refluxed 6 hrs., 150 ml. $H_2O$ added, the aq. layer extd. twice with $C_6H_6$, and the $C_6H_6$ exts. distd. to yield 67 g. $MeCH(CO_2CH_2Ph)_2$ I, $b_{0.01}$ 130–40°. A soln. of 13 g. $H_2N(CH_2)_4CH(NH_2)CO_2H \cdot 2HCl$ and 28.03 g. o-$C_6H_4(CO)_2O$ in 250 ml. AcOH was refluxed 3 hrs. with 25 ml. $C_5H_5N$, poured in 1000 ml. ice-$H_2O$, and the sepd. crystals filtered off and crystd. from 50% EtOH to give 18.2 g. $R(CH_2)_4CHRCO_2H$ [R = o-$C_6H_4(CO)_2N$ [illegible] (ID, m. 170°, I (7.71 g.) in 50 ml.

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and 30 ml. $SOCl_2$ in 50 ml. $C_6H_6$ added, stirred 12 hrs.,

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poured into ice $H_2O$ contg. few drops of $H_2SO_4$, the $C_6H_6$ layer washed with $H_2O$, the mixt. evapd. *in vacuo*, the residue dissolved in 50 ml. dioxane, hydrogenated 45 hrs. with 3 g. Pd-$BaSO_4$ at room temp. and pressure, filtered, refluxed 2 hrs., evapd., the residue heated 1 hr. *in vacuo* at 100°, and the residue (9.7 g. oil) dissolved in 5 ml. $C_6H_6$ and chromatographed on $Al_2O_3$ to give 3.39 g. pale yellow oil, which was dissolved in EtOH and allowed to stand two weeks to

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YUGOSLAVIA / Organic Chemistry. Natural Substances and Their Synethetic Analogues. G

Abs Jour : Ref. Zhur. - Khimiya, No. 15, 1958, No. 50522

Author : Stanacev, N.Z.; Prostenik, M.
Inst : -
Title : On the Reaction of dipthaloyl-DL-Lysine chloride With dibenzylsodiomethylmalonate. Preparation of DL-4,8-diamino-3-octanone.

Orig Pub : Croat. chem. acte, 1956, 38, #4, 291-294 (Eng.)

Abstract : A synthesis of DL-4,8-diamino-3-octanone (I), based on the reaction of diphthaloyl-DL-Lysine chloride (II) with dibenzyl-sodiomethylmalonate (III) is described. Attempt of preparation of I from III and DL-2-phthalimido-6-benzamido-caproate was not successful. Into a suspension of 10.12 g of pulverized Na in 150 ml of benzene

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Card 1/5

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YUGOSLAVIA / Organic Chemistry. Natural Substances and Their Synethetic Analogues. G

Abs Jour : Ref. Zhur. - Khimiya, No. 15, 1958, No. 50522

poured into cold water. The yield of diphthaloyl-DL-Lysine (V) was 75%, m.p. 169-170° /fr. 96% ethanol + water (1:1)/- 10 g V were boiled for 1 hour, with 30 ml of thionychloride (VI), and the excess of VI was driven off in vacuum. In that manner 10.98 g II (oil) were obtained, but could not be further purified. Into a suspension of 0.593 g of powdered Na in 50 ml benzene a solution of 7.71 g IV in 50 ml $C_6H_6$ was added. The mixture was boiled until the disappearance of Na and cooled to ~20°, subsequently a solution of 10.98 g II in 50 ml $C_6H_6$ was added. After stirring for 12 hours the contents were poured into water, containing a few drops of conc. $H_2SO_4$. Benzene layer was evaporated in

Card 3/5

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YUGOSLAVIA / Organic Chemistry. Natural Substances and Their Synethetic Analogues.

Abs Jour : Ref. Zhur.- Khimiya, No. 15, 1958, No. 50522

vacuum, the residue was dissolved in 50 ml of dioxane and hydrogenated over 1 g of 10% Pd/$BaSO_2$. When no more hydrogen was absorbed a fresh portion of catalys (~1 g) was added twice. The filtrate was boiled for 2 hours, (decarboxylated) was dried in vacuum, and the residue was heated for 1 hour (100°C) in vacuum, after which operation it was dissolved in 50 ml of $C_6H_6$; and chromatographed on activated $Al_2O_3$. From the eluents were obtained: 31.4% DL-4,8-diphthalimido-3-octanone(VII)(oil), which crystallized from an alcoholic solution, m.p. 90-91° (fr. dioxane), VII-2,4-dinitrophenylhydrazone, m.p. 104-105° (fr. 96% alc. containing HCl) and 2,4-dinitrophenyl hydrazone-

Card 4/5

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

YUGOSLAVIA/Organic Chemistry. Synthetic Organic Chemistry. G-2

Abs Jour: Ref Zhur-Khim., No 13, 1958, 43256.

Author : Stanacev N. Z., Prostenik M.
Inst :
Title : Studies in the Sphingolipids Series. IX. Synthesis of DL-2-Amino-1,3,4-Trihydroxy-Octadecane and of Its $C_4$-Methyl Ether

Orig Pub: Croat. chem. acta, 1957, 29, No 2, 107-113.

Abstract: DL-2-amino-1,3,4-trihydroxy-octadecane (I) and its $C_4$-methyl ether (II) are prepared over the intermediate compounds: 2-methoxy-hexadecanoic acid (III) ⟶ ethyl ester of 2-methoxy-hexadecanoylacetoacetic acid (IV) ⟶ ethyl ester of (2-p-nitrophenyl-hydrazone)-2,3-dioxo-4-methoxy-octadecanoic

Card : 1/6

YUGOSLAVIA/Organic Chemistry. Synthetic Organic Chemistry G-2

Abs Jour: Ref Zhur-Khim., No 13, 1958, 43256.

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acid (V) ⟶ ethyl ester of 2-acetamido-3-oxo-4-methoxy-octadecanoic acid (VI) ⟶ 1,4-lactone of 2-amino-3-hydroxy-octadecanoic acid (VII). 0.659 mole methyl ester of 2-bromohexadecanoic acid, obtained by bromination of palmitic acid (see Sintezy org. preparatov, 3, 275, M., 1952) and subsequent esterification with $CH_3OH$, are boiled for 3 hours with a solution of $NaOCH_3$ (18.4 g Na and 450 ml absolute $CH_3OH$), and for 1 hour with a solution of 40 g NaOH in 200 ml water, poured into 500 ml 100% $H_2SO_4$; yield of III 74.8%, MP 73-74° (from petroleum ether). $SOCl_2$ is distilled off, after 24 hours (20°), from 0.035 mole III and 25 ml $SOCl_2$, to get the anhydride of 2-methoxy-hexadecanoic acid (VIII). A suspension

Card : 2/6

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Abs Jour: Ref Zhur-Khim., No 13, 1958, 43256.

with water, and ether is used to extract 34% V, MP 73-74° (from alcohol). To mixture of 15 g Zn-powder, 60 ml glacial $CH_3COOH$ and 30 ml $(CH_3CO)_2O$ is added dropwise a solution of 12.8 mole V in 90 ml glacial $CH_3COOH$ at 15-20°, the mixture is stirred vigorously for 3 hours, and then for 3 hours at 40-45°; yield of VI 64.8%, MP 83-84° (from petroleum ether). Solution of 10 m-mole VI and 15 m-mole $NaBH_4$ in 100 ml $CH_3OH$ containing 3 drops of 45% KOH is allowed to stand for 48 hours at 20°, is then diluted with water and the evaporated ether extract is boiled for 5 hours with 50 ml 48% HBr to get 78.9% VII. HBr, MP 120-135° (from ethyl acetate). Solution of 3 g VII. HBr and 3 g LiAlH in 100 ml tetrahydrofuran is boiled for 4 hours, excess $LiAlH_4$ is decomposed

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is allowed to stand with 1 ml 45% KOH in 20 ml $CH_3OH$ (18 hours, 20°), to get 55 mg of D-2-benzamido-1,3,4-trihydroxy-octadecane, MP 112-113° (from acetone). After boiling for 2 hours and letting it stand for 12 hours, a mixture of 3.7 m-mole V, 1.05 g $LiAlH_4$ and 70 ml ether is decomposed with water and the substance extracted with ether is hydrogenated over Pd/C in 50 ml alcohol, 50 ml ether and 3.43 ml concentrated HCl-acid, and evaporated; the portion soluble in ethyl acetate is shaken with 2 N $Na_2CO_3$ and II that is extracted with ether is precipitated as the oxalate from absolute alcohol, yield 395 mg, MP 174-176° (decomposes). Communication VIII see RZhKHim, 1958, 36323.

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Heterogenous ion-exchanger membranes. p. 43

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Vol. 9, No. 1, Jan. 1959

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Uncl.

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Discovering defects on electric cables. Elektrotechnik 17 no.1: 24-25 Ja '62.

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STANCA, C. [illegible] Medica Sec.10 Vol.11/7 Ginecologie and [illegible] July 58

1001. [illegible] IN THE TREATMENT OF SPONTANEOUS REPEATED A[illegible] TION. (HABITUAL ABORTION) - [illegible] in [illegible] (not preliminary) - Stanca C., Neagreanu Gh., [illegible] Urma F., Konan S. and Gherman S. - OBSTET.GINEC. [illegible] 1955, 4/4 (307-314)

The authors are of the opinion that in healthy women with a past history of [illegible] ed induced abortions, the later spontaneous abortions may be the [illegible] flex produced by the induced abortions: the intra-ovular tension (in [illegible] amniotic liquid), when reaching an intensity similar to the intensity in the [illegible] ly interrupted pregnancies, will release reflex contractions of the uterus. [illegible] mechano-receptors and baroreceptors have already been sensitized by the [illegible] artificial interruptions. Assuming that many of the spontaneous abortions are [illegible] luetic origin, since 1933 a large number of cases have been treated [illegible] with bismuth. The results obtained are very good (86%), although the luetic [illegible] was not always established. The bismuth treatment should be started 2-3 [illegible] after the onset of pregnancy. The dose is 50 mg. by subcutaneous injection every 5th day until the 4th month, every 6th day in the 5th and 6th months and at an [illegible] days' interval in the 7th and 8th months. In the 9th month, the treatment should be interrupted, because the pregnancy may be prolonged beyond term. This [illegible] to the conclusion that bismuth acts by inhibition of the uterine receptors.

Coja - Cluj

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4592. STANCA C., MUREŞANU A., ROZEN S. and NEGREANU Gh. Matern. Ilie Pintilie, Bucureşti. Mielom ovarian *Myeloma of the ovary* Obstet. Ginec. (Bucureşti) 1957, 5/2 (150–155) Illus. 3

The authors relate the case of a pregnant woman (2nd month), operated upon for the presence of 2 large, spherical, cystic tumours (of the size of an infant's head). Histopathological examination disclosed the presence of a myeloma of the ovary, a complication as rare as it is severe.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2



STANCA, C.

877. STUDY OF THE TEMPERATURE IN HEALTHY PREGNANT WOMEN AND IN THE FOETUS IN THE LIGHT OF RECENT KNOWLEDGE OBTAINED IN THE FIELD OF ENDOCRINOLOGY - Contribution à l'étude de la température des femmes enceintes saines et du foetus, à la lumière des nouvelles acquisitions endocrinologiques - Stanca C. Bucarest - C.R.SOC.FRANÇ. GYNEC. 1957, 27/3 (98-106) Graphs 1 Tables 1

In the first half of pregnancy the average temperature is subfebrile (37.2°) and slowly returns to normal towards the 5th month, after which it remains constantly under 37°. This fall in temperature seems to be related to the involution of the corpus luteum, but other endocrine synergetic actions are also held to play a role in it (predominance of LH over FSH, hyper-function of thyrotropic and corticotropic hormones, presence of choriotoxins, influence of the thyroid on the regulation of the temperature and, finally, hypophyseo-diencephalic regulation). The foetus, at birth, also has a slightly higher temperature than the adult. The regulation of the temperature in the foetus is believed to begin in the 3rd month of intra-uterine life and to take place through intermediary of the hormones of the adrenal cortex and the anterior hypophysis, under the influence of the placental hormones. It is assumed that a thermoregulating centre also functions in the hypothalamus from the 4th month of intra-uterine life.

Houlne - Nantes

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EXCERPTA MEDICA Sec 10 Vol 13/1 Obstetrics Jan 6

30. THE DELAY IN THE ENGAGEMENT OF THE FOETAL HEAD IN PRIMIPARAE WHO HAVE HAD ONE OR MORE PREVIOUS ABORTIONS - Le retard d'engagement de la tête foetale chez les primipares ayant eu un ou plusieurs avortements antérieurs - Stanca C. Bucarest - GYNEC. ET OBSTET. 1959, 58/8 (321-325)

Curettages must be regarded as unfavourable factors in the prognosis of the first delivery at term, because by decreasing uterine interreception they cause disturbances in the dynamics of the uterus which manifest themselves by non-formation of the lower uterine segment and non-engagement of the foetal head at the usual time. An investigation of the antecedents is necessary in all primiparae who present non-engagement of the foetal head at the approach of term, in order to determine whether there has been a previous curettage, in which case labour may be awaited without worrying. From the prophylactic point of view it is desirable to refrain from curettage in nulliparous women. When curettage is necessary it must be carried out very carefully, so as not to cause too much damage to the uterine interreceptors.

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STANCAK, A.

Physical efficiency curve in Bourdon's test under the influence of alcohol. Activ. nerv. sup. 4 no.2:209-210 '62.

1. Psychiatricka klinika Lekarskej fakulty Univerzity P. J. Safarika v Kosiciach.

(PHYSICAL FITNESS) (ALCOHOL ETHYL pharmacol)

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normal EEG records must be made before acceptance. (Ms. rec. 22 Aug 66).
1/1 1 Table, 5 Western, 2 Czech references.

CZECHOSLOVAKIA

STANCAK, A.; Psychiatric Clinic, Medical Faculty, P.J. Safarik University (Psychiatricka Klinika Lekarskej Fakulty UPJS), Kosice.

"Differentiation of Emotions by Electrocapacity Plethysmography."

Prague, Ceskoslovenska Psychiatrie, Vol 63, No 1, Feb 67, pp 20-26

Abstract /Author's English summary modified/: 21 healthy people, and 20 patients suffering from an endogenous depressive syndrome were investigated. By means of electrocapacity plethysmography reaction to positive impulses and negative impulses were studied. The patients showed elevation of the systolic blood pressure, enhanced rate of respiration, reduced plane of the plethysmographic curve, and a multiplication of alpha waves. In both groups frequency of breathing and a reduction of the respiratory volume occurred. Reaction to negative impulses are deeper in healthy people.
1 Figure, 1 Table, 4 Western, 2 Czech references. (Manuscript received 21 Oct 65).
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CZECHOSLOVAKIA

A. STRAPEK, Psychiatric Clinic of Medical Faculty Safaryk University (Psychiatricka Klinika lekarskej fakulty UPJS,) Kosice.

"Bourdon Test Work Performance Curve Under Alcohol and Dexphenmetrazine."

Prague, Activitas Nervosa Superior, Vol 5, No 2, May 63; pp 189-190.

Abstract: Studies in 4 groups of 20 soldiers each: 210 ml. of vodka (42% alcohol) fasting with and without 20 mg. dexphenmetrazine simultaneously, 25 or 65 minutes later. Statistically significant impairment in performance in Bourdon's test was only insignificantly antagonized by the drug at all times. Five Czech references.

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ACC NR: AP6032880 SOURCE CODE: CZ/0083/65/000/006/0389/0394

AUTHOR: Stancak, A.--Stanchak, A.; Marossyova, E.--Maroshiova, E.

ORG: Psychiatric Clinic, Medical Faculty, UPJS, Kosice (Psychiatricka klinika lekarskej fakulty UPJS)

TITLE: Correlation of plethysmographic alpha waves of the third order with psychic qualities after epinephrine administration

SOURCE: Ceskoslovenska psychiatrie, no. 6, 1965, 389-394

TOPIC TAGS: pharmacology, neurophysiology

ABSTRACT: 13 men and 8 women between 25 and 48 years of age, all of them healthy, were examined by means of 8 psychological tests. Respiration and its volume changes were measured by an electrocapacity plethysmograph. On this apparatus alpha waves of the third order were evaluated. The alpha waves are a very sensitive indicator of psychic activity. Administration of 1 mg of epinephrine to people prone to anxiety results in formation of minor alpha waves. In the majority of people epinephrine evokes cold emotions. Orig. art. has: 2 tables. [Based on authors' Eng. abst.] [JPRS: 34,161]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 006

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2

POR, Fr.; STANCAKOVA, A.

Effect of a prolonged administration of small doses of estradiol benzoate on the excretion of corticosteroids. Cas.lek.cesk 100 no.4:115-119 27 Ja '61.

1. Interna klinika lekarskej fakulty University P. J. Safarika v Kosiciach, prednosta doc. dr. Frantisek Por.

(ADRENAL CORTEX HORMONES urine)
(ESTRADIOL pharmacol)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

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STANCAKOVA, Anna

Determination of some important α ketosteroid metabolites in the urine. I. Chromatography and values of tetrahydro derivatives. Cas. lek.cesk 101 no.4:108-113 26 Ja '62.

1. Interna klinika University P. J. Safarika, Kosice, prednosta doc. MUDr. F. Por.

(ADRENAL CORTEX HORMONES urine)

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STANCAKOVA, Anna

Determination of some important α ketosteroid metabolites in the urine. II. Tetrahydro derivatives in the urine of healthy men and women. Cas.lek.ces 101 no.4:113-117 26 Ja '62.

1. Interna klinika University P. J. Safarika, Kosice, prednosta doc. MUDr. F. Por.

(ADRENAL CORTEX HORMONES urine)

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CZECHOSLOVAKIA

STANCAKOVA, A., PETRILAK, J; Physiological Institute, Medical Faculty, P.J.Safarik University (Fysiologicky Ustav Lek. Fak. UPJS), Kosice.

"Influence of Cortisone on the pH and $pCO_2$ in Arterial and Venous Blood of Peripheral Tissue."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 78

Abstract: Experiments with 18 dogs in allobarbital narcosis showed an increased pH in the arteries and a decreased pH in the veins, lasting about 3 hours after administration of cortisone. Arterial $pCO_2$ decreased and venous increased for about 2 hours. Oxygen content of the blood was increased by cortisone administration. 1 Western, 1 Czech reference. Submitted at "16 Days of Physiology" at Kosice, 27 Sep 65.

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(Czechoslovakia) (Original-language version not given).

"Influence of Cortisol on pH and $pCO_2$ in the Arterial and Venous Blood of Peripheral Tissue"

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820005-2"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, 1966; pp 117-123.

Abstract [Article in German]: The influence of a single dose of intravenously injected cortisol on pH and $pCO_2$ in the femoral artery and vein of dogs was traced under allobarbital anesthesia. The control group which had received no cortisol exhibited a decrease in $pCO_2$ and a moderate increase in pH both in the arterial and in the venous blood. In the group which had received cortisol there was a marked drop in venous pH with simultaneous rise in $pCO_2$. It was assumed that cortisol brings about increased metabolic activity in the muscle tissue. 19 References, all Western.(Manuscript received 6 Nov 65).

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CZECHOSLOVAKIA

STANCAKOVA, L., PETRILAK, J; Physiological Institute, Medical Faculty, P.J.Safarik University (Fyziologicky Ustav Lek. Fak.